

## Immediate notification report

Report reference: AIV 2015/02 REF OIE 18116, Report Date: 13/07/2015, Country : United Kingdom

### Report Summary

|                                     |   |                              |                                |
|-------------------------------------|---|------------------------------|--------------------------------|
| <b>Name of sender of the report</b> | Dr Nigel Gibbens  | <b>Telephone</b>             | +442072386495                  |
| <b>Position</b>                     | Chief Veterinary Officer  | <b>Fax</b>                   | +442072385875                  |
| <b>Address</b>                      | Food and Farming Group<br>Area 5B, Nobel House<br>17 Smith Square | <b>Email</b>                 | nigel.gibbens@defra.gsi.gov.uk |
|                                     | LONDON SW1P 3JR   | <b>Date submitted to OIE</b> | 14/07/2015                     |

|                                     |   |  |                       |
|-------------------------------------|---|--|-----------------------|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 13/07/2015            |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 06/07/2015            |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 12/07/2015            |
| <b>Serotype(s)</b>                  | H7N7                                    | <b>Date of last occurrence</b>           | 21/11/2014            |
| <b>Reason</b>                       | Reoccurrence of a listed disease        | <b>Diagnosis</b>                         | Laboratory (advanced) |
| <b>Country or zone</b>              | a zone or compartment                   | <b>Clinical signs</b>                    | Yes                   |
| <b>Number of reported outbreaks</b> | submitted= 1, Draft= 0                  |  |                       |

### Outbreak details

| County                             | Number of outbreaks   | Province           | District     | Unit Type     | Location         | Latitude           | Longitude | Start Date | End Date: |
|------------------------------------|---|--------------------|--------------|---------------|------------------|--------------------|-----------|------------|-----------|
| ENGLAND- (this report - submitted) | -   | Preston            | Lancashire   | Farm          | Goosnargh        | 53.829             | -2.6569   | 06/07/2015 |           |
| <b>Species</b>                     | <b>Measuring units</b>  | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Destroyed</b> | <b>Slaughtered</b> |           |            |           |
| Birds                              | Animals   | 170000             | 36000        | 36000         | 88000            | 0                  |           |            |           |
| Affected Population                | Approximately 50,000 free range and 120,000 housed 67 week old laying hens. As of 13 July 2015, approximately 36,000 birds have died. Approximately 88,000 birds have been destroyed. Culling is ongoing. |                    |              |               |                  |                    |           |            |           |

### Outbreak summary: Total outbreaks = 1 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds   | 170000      | 36000 | 36000  | 88000     | 0           |

### Epidemiology

|   |
|---|
| <b>Epidemiological comments</b>                         |
| Epidemiological investigation is in progress.           |
| <b>Source of the outbreak(s) or origin of infection</b> |
| • Unknown or inconclusive                               |

### Measures applied

| Applied  | To be applied   |
|--|---|
| <ul style="list-style-type: none"> <li>• stamping out</li> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• screening</li> <li>• zoning</li> </ul> | <ul style="list-style-type: none"> <li>• disinfection / disinfestation</li> <li>• official destruction of animal products</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• surveillance within containment and/or protection zone</li> </ul> |
| <b>Animals treated</b>   | <b>Vaccination Prohibited</b>   |
| No   | Yes   |

### Diagnostic test results

| Laboratory Type            | Name of Laboratory                               | Species | Test Type                                   | Date Results Provided | Result   |
|----------------------------|--|---------|---|-----------------------|----------|
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | intravenous pathogenicity index (IVPI) test |                       | Pending  |
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | haemagglutination (HA) test                 | 12/07/2015            | Positive |
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | neuraminidase inhibition assay              | 12/07/2015            | Positive |

| Laboratory Type            | Name of Laboratory                               | Species | Test Type   | Date Results Provided | Result   |
|----------------------------|--|---------|---|-----------------------|----------|
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | virus isolation   | 12/07/2015            | Positive |
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | nucleotide sequencing   | 12/07/2015            | Positive |
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | haemagglutination inhibition test (HIT)                             | 10/07/2015            | Positive |
| OIE's Reference Laboratory | Animal and Plant Health Agency (APHA), Weybridge | Birds   | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 10/07/2015            | Positive |

### Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

## Outbreak maps

